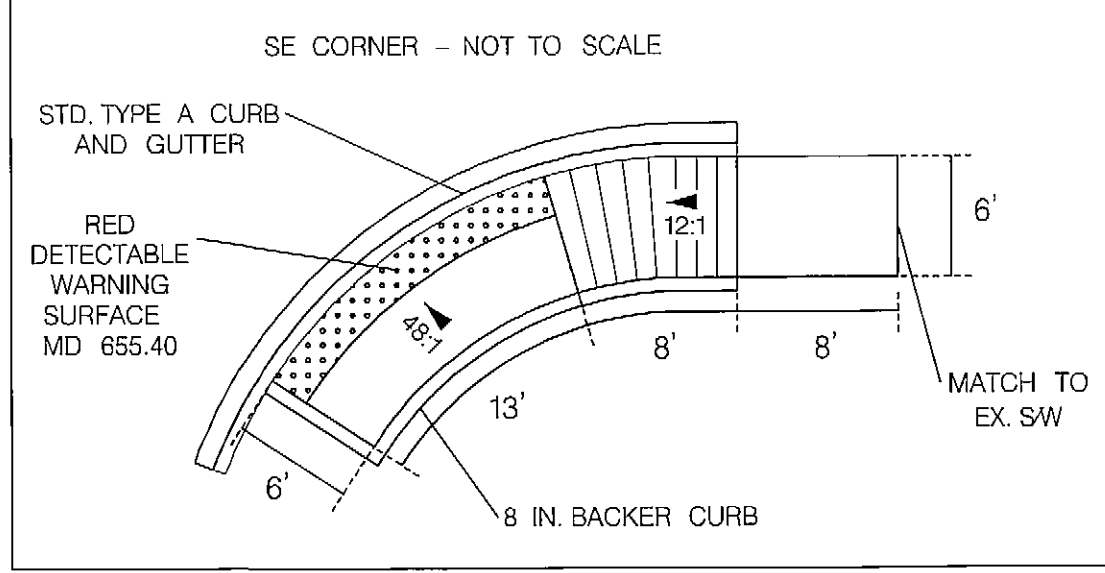
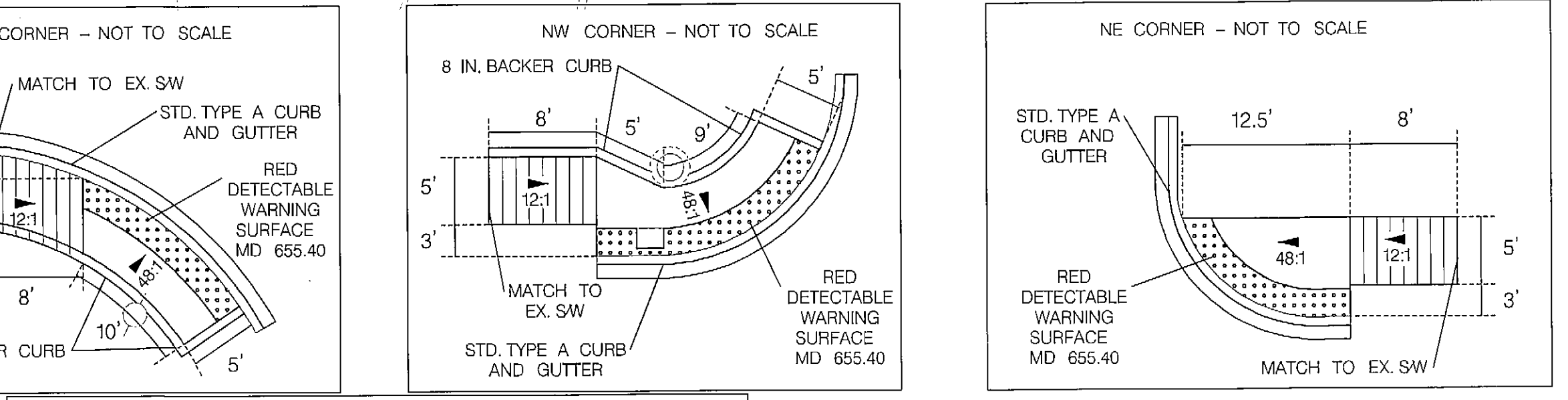


- CONSTRUCTION DETAILS**
- INSTALL A 5 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION SHA STD. MD. 801.01-01. BREAKAWAY COUPLINGS, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND SIGN R10-3(1) "PUSH BUTTON TO CROSS DARNESTOWN ROAD" (NOTE: 1-3 IN. 90 DEGREE PVC BEND). (SEE NOTE 19)
 - INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION SHA STD. MD. 801.01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW RIGHT) AND SIGN R10-3(1) "PUSH BUTTON TO CROSS DARNESTOWN ROAD" (NOTE: 1-3 IN. 90 DEGREE PVC BEND). (SEE NOTE 19)
 - INSTALL A 5 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION SHA STD. MD. 801.01-01. BREAKAWAY COUPLINGS, ACCESSIBLE PUSHBUTTON (ARROW RIGHT) AND SIGN R10-3(1) "PUSH BUTTON TO CROSS SHOPPING CENTER ENTRANCE" (NOTE: 1-3 IN. 90 DEGREE PVC BEND). (SEE NOTE 19)
 - INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION SHA STD. MD. 801.01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND SIGN R10-3(1) "PUSH BUTTON TO CROSS SHOPPING CENTER ENTRANCE" (NOTE: 1-3 IN. 90 DEGREE PVC BEND). (SEE NOTE 19)
 - INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION SHA STD. MD. 801.01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND SIGN R10-3(1) "PUSH BUTTON TO CROSS DARNESTOWN ROAD" (NOTE: 1-3 IN. 90 DEGREE PVC BEND). (SEE NOTE 19)
 - INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION SHA STD. MD. 801.01-01. BREAKAWAY COUPLINGS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON (ARROW LEFT) AND SIGN R10-3(1) "PUSH BUTTON TO CROSS DARNESTOWN ROAD" (NOTE: 1-3 IN. 90 DEGREE PVC BEND). (SEE NOTE 19)
 - REMOVE EXISTING PEDESTRIAN SIGNAL HEADS AND INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEADS ON EXISTING SIGNAL POLE.
 - INSTALL GROUND MOUNTED SIGN(S) ON ONE 4 IN. X 6 IN. WOOD SUPPORT (SEE NOTE 17).
 - INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
 - USE EXISTING HANDHOLE.
 - USE EXISTING CONDUIT.
 - USE EXISTING BASE MOUNTED CABINET.
 - INSTALL 12 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES FOR CROSSWALK.
 - INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES FOR STOPLINE.
 - REMOVE EXISTING OVERHEAD SIGN.
 - REMOVE EXISTING SIDEWALK RAMP AND CONSTRUCT NEW SIDEWALK RAMP (SEE DETAIL THIS SHEET).
 - REMOVE EXISTING PAVEMENT MARKINGS.
 - REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL. CAP AND ABANDON EXISTING CONDUIT.
 - ADJUST EXISTING HANDHOLE TO GRADE. REMOVE PORTION OF PROPOSED DETECTABLE WARNING SURFACE AROUND HANDHOLE COVER FOR ACCESSIBILITY.
 - INSTALL A 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, 3 IN. WEATHER HEAD, FOUNDATION, LED TRAFFIC SIGNAL HEADS, AND 20 FT. LIGHTING ARM WITH 250 WPS LUMINAIRE. (NOTE 1-3 IN. 90 DEGREE PVC BEND). (SEE NOTE 19)
 - INSTALL A 21 FT. STEEL POLE WITH A 50 FT. MAST ARM, FOUNDATION, SIGNS AND LED TRAFFIC SIGNAL HEADS. (NOTE 1-3 IN. 90 DEGREE PVC BEND). (SEE NOTE 19)
 - USE EXISTING OVERHEAD INTERCONNECT CABLE. PULL BACK AND REROUTE CABLE FROM EXISTING SIGNAL POLE TO PROPOSED SIGNAL POLE (SEE WIRING DIAGRAM FOR DETAILS).
 - INSTALL ELECTRICAL HANDHOLE.

- GENERAL NOTES**
- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
 - THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 - ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
 - THE CONTRACTOR SHALL INTEGRATE PROPOSED CONCRETE FOUNDATIONS WITH NEW SIDEWALK RAMP WHERE NECESSARY. THE FOUNDATIONS SHALL BE FLUSH WITH AND PART OF THE FINAL CURB OR SIDEWALK GRADE TO INCREASE ACCESSIBILITY FOR PEDESTRIANS.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
 - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
 - THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE LOCATION(S) PRIOR TO INSTALLATION.
 - ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
 - LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.24 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL THE CONFLICT HAS BEEN RESOLVED. IF NEEDED, A DESIGN WAIVER SHALL BE OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
 - PUSHBUTTON IS TO BE LOCATED SO THAT A PEDESTRIAN IN A WHEELCHAIR LOCATED ON THE LEVEL LANDING AREA DOES NOT HAVE TO REACH MORE THAN 18 IN.
 - PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR FROM A 60 IN. X 60 IN. LEVEL LANDING AREA. A LEVEL LANDING AREA IS AN AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
 - PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSWALK FOR WHICH THEY ARE INTENDED.
 - ALL TRAFFIC SIGNAL MODIFICATIONS SHALL BE CONSTRUCTED PRIOR TO SIDEWALK INSTALLATION.
 - THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK AT THE NEAREST JOINT.
 - THE CONTRACTOR SHALL NOTIFY MR. KAWAL HAMUD AT 240-777-8761 OF THE MONTGOMERY COUNTY DOT SEVENTY TWO (72) HOURS PRIOR TO BEGINNING CONSTRUCTION.
 - THE CONTRACTOR SHALL REFER TO FIGURE 3B-17a OF THE 2006 MARYLAND M.U.T.C.D. FOR CROSSWALK PAVEMENT MARKING DETAIL.
 - WOOD SUPPORTS INSTALLED IN CONCRETE SHALL BE INSTALLED WITH SLEEVED FOUNDATIONS AS PER STANDARDS MD 812.05-01 AND MD 812.05-02.
 - THE DETECTABLE WARNING SURFACES SHALL BE THE COLOR RED.
 - THE TRAFFIC SIGNAL POLE SHALL BE PAINTED BROWN.
 - ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCCELL.
 - THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS ON THE NEWLY CONSTRUCTED RAMPS.



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UTILITY LEGEND

—E—E—	ELECTRIC CABLES	—SD—SD—	STORM DRAIN
—A—A—	AERIAL CABLES	—G—G—	GAS MAIN
—T—T—	TELEPHONE CABLES	—W—W—	WATER MAIN
—F—F—	FIBER-OPTIC	—S—S—	SEWER MAIN

GEOMETRIC LEGEND

EXISTING

PROPOSED

TOD NO: XX655-07
SHA NO: MO972855
MD 28 @ Quince Orchard HS, Potomac
Valley Shopping Ctr, Tschiffely Square

APPROVALS TEAM LEADER ASST. DIR. CHIEF DIVISION CHIEF OFFICE DIRECTOR		REVISIONS ⑧ INSTALL APS, CPS AND ADA RAMPS SHA NO. XX6550185 TMS #: K342 STV A4 REDLINE NO. 1 REPLACEMENT SHEET SHA NO. MO5285271 09/20/01 M.P. A3 ADDENDUM NO. 3 REPLACEMENT SHEET SHA NO. MO5285271 12/20/00 M.P.		SIGNALIZATION PLAN SHEET SCALE 1"=20' ADVERTISED DATE OCT. 1994 CONTRACT NO. M528-501-371 DESIGNED BY COUNTY MONTGOMERY DRAWN BY S.C.K. LOGMILE 15002815.78 CHECKED BY STEVE RENZI TMS NO. D107 F.A.P. NO. TOD NO.	
TS NO. 3474B DRAWING SG-03 OF 06 SHEET NO. 03 OF 06		PLOTTED: Monday, May 09, 2011 AT 11:05 AM FILE: L:\PROJ\ECTS\014255\014255_0121\Drawings\TRA\Potomac Valley Shopping Center\PSG-P000_M028.dgn			